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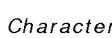
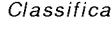
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1

 2j25 2j25 2j25 2j25 2j25 2j25 2j25PARTIALLY DEGLYCOSYLATED
GLUCOCERAMIDASE

Release Date: 06-Dec-2006 Exp. Method:

Resolution: 2.90 Å

Classification Hydrolase

Polymer: 1 Molecule: GLUCOSYLCER/Fragment: RESIDUES 40-536 Chains: 1

no.: 3.2.1.45

Polymer: 2 Molecule: SUGAR (2-MER)

Polymer: 4 Molecule: SUGAR (5-MER)

Polymer: 5 Molecule: SUGAR (3-MER)

Authors Brumshtein, B., Wormald, M.R., Silman, I., Futerman, A.H., Sussman, J.L.

Compound

no.: 3.2.1.45

Polymer: 1 Molecule: SUGAR (2-MER)

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Polymer: 5 Molecule: SUGAR (3-MER)

Authors Brumshtein, B., Wormald, M.R., Silman, I., Futerman, A.H., Sussman, J.L.

Classification Hydrolase

no.: 3.2.1.45

Polymer: 1 Molecule: GLUCOSYLCER/

Chains: A,B EC no.: 3.2.1.45

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Dvir, H., Harel, M., McCarthy, A.A., Silman, I., Futerman, A.H., Sussman, J.L., Israel Structural Proteomics C

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Classification Hydrolase

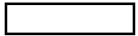
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Polymer: 1 Molecule: GLUCOSYLCER/

Chains: A,B EC no.: 3.2.1.45



Classification Hydrolase



Polymer: 1 Molecule: Glucosylceramida

Compound

Mutation: R495H Chains: A,B EC no.: 3

Polymer: 2 Molecule: SUGAR (2-MER)

Authors

Premkumar, L., Sawkar, A.R., Bold
S., Toker, L., Silman, I., Kelly, J.W.
A.H., Sussman, J.L., Israel Structu
Proteomics Center (ISPC)



Characteristics Structure of acid-beta-glucosidase
with pharmacological chaperone
provides insight into Gaucher
disease



Release Date: 26-Dec-2006 Exp. Method:

Resolution: 2.11 Å

Classification Hydrolase



Polymer: 1 Molecule: Glucosylceramida

Chains: A,B,C,D EC no.: 3.2.1.45



Authors

Lieberman, R.L., Petsko, G.A., Ring



Characteristics Acid-beta-glucosidase low pH,
glycerol bound



Release Date: 26-Dec-2006 Exp. Method:

Resolution: 1.79 Å

Classification Hydrolase



Polymer: 1 Molecule: Glucosylceramida

Chains: A,B,C,D EC no.: 3.2.1.45



Authors

Lieberman, R.L., Petsko, G.A., Ring



Characteristics Structure of acid-beta-glucosidase
at neutral pH



Release Date: 26-Dec-2006 Exp. Method:

Resolution: 2.30 Å

Classification Hydrolase



Polymer: 1 Molecule: Glucosylceramida

Chains: A,B,C,D EC no.: 3.2.1.45



Authors

Lieberman, R.L., Petsko, G.A., Ring

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